



National Weather Service

Storm Data and Unusual Weather Phenomena



December 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Crops	Character of Storm
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KANSAS, Extreme Southeast

KSZ097-101

Crawford - Cherokee

04	0100CST	0	0		Winter Storm
05	0500CST				

The first of a series of winter storms within the 2002-2003 cool season brought several inches of snow to areas of extreme southeast Kansas. The heaviest snow occurred in a 25 mile wide band extending from McCune to Pittsburg, where six to eight inch amounts were common. Most other accumulation values ranged from two to five inches north and south of the heavy band. No major property damage was directly linked to the elements, however, numerous vehicle accidents were reported across the region

Bourbon County

Ft Scott

17	2310CST	0	0		Hail(0.75)
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Cherokee County

5 SW Columbus

18	0055CST	0.5	20	0	0	0	0	Tornado (F0)
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Tornado briefly touched down in open farm land

Cherokee County

5 E Columbus

18	0108CST	0.5	20	0	0	0	0	Tornado (F0)
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Meteorologist at KOAM TV near Crestline, observed a tornado briefly touching down in an open field.

KSZ073-097-101

Bourbon - Crawford - Cherokee

24	0400CST	0	0		Winter Storm
	0430CST				

The second major winter storm of the 2002-2003 cool season blanketed extreme southeast Kansas with snow accumulations ranging from three to eight inches. Accumulations were greatest near the Oklahoma border where eight inch measurements were common, and tapered down to the north where northern Bourbon County observed around three inches. Despite numerous vehicle accidents, no major property damage was directly linked to the heavy snow.

MISSOURI, Southwest

MOZ070-077>083-

088>092-094>098-102>106

Pulaski - Barton - Cedar - Polk - Dallas - Laclede - Texas - Dent - Jasper - Dade - Greene - Webster - Wright - Lawrence - Christian - Douglas - Howell - Shannon - Barry - Stone - Taney - Ozark - Oregon

04	0100CST	0	0	0		Winter Storm
05	0500CST					

The first winter storm of the 2002-2003 cool season brought several inches of snow to areas of extreme southeast Kansas and the Missouri Ozarks. The heaviest snow occurred in a 25 mile wide line extending from Ash Grove to Mountain View Missouri, where seven to nine inch amounts were common. Most other accumulation values ranged from three to five inches across the region. The exception was applicable in the extreme southwestern portion of the state, where one to three inches combined with freezing rain. No major property damage was directly linked to the elements, however, numerous vehicle accidents were reported across the region.

Lawrence County

Stotts City

17	2100CST	0	0		Hail(0.75)
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Lawrence County

5 E Mt Vernon

17	2135CST	0	0		Hail(0.75)
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Greene County

Willard

17	2135CST	0	0		Hail(0.88)
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Lawrence County

Mt Vernon

17	2141CST	0	0		Thunderstorm Wind (G70)
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MISSOURI, Southwest

Greene County Willard	17	2158CST			0	0			Hail(0.75)
Greene County 2 N Fair Grove	17	2158CST			0	0			Thunderstorm Wind (G65)
Dallas County 1 W Olive	17	2158CST			0	0			Thunderstorm Wind (G65)
Polk County Pleasant Hope	17	2200CST			0	0			Hail(1.00)
Greene County (Sgf)Springfield Arpt	17	2218CST			0	0			Hail(0.75)
Newton County 3 NW Fairview	17	2224CST	0.5	50	0	0	50K	0	Tornado (F0)

Tornado touched down in a rural area of east central Newton County. One home and four out buildings were destroyed

Greene County Springfield	17	2230CST			0	0			Hail(0.88)
Barry County 7 W Monett	17	2230CST	0.5	20	0	0	0	0	Tornado (F0)

Brief tornado touched down in an open field. No damage was observed from survey.

Greene County Fair Grove	17	2242CST			0	0			Hail(0.88)
Laclede County 5 NE Sleeper	17	2255CST			0	0			Hail(0.88)
Vernon County Nevada	17	2303CST			0	0			Hail(0.75)
Lawrence County 3 ESE Mt Vernon to 1 NW Chesapeake	17	2305CST	4	100	2	17	500K	0	Tornado (F2)

Tornado touched down two miles southwest of the Lucky Lady Trailer Park. The tornado then followed a trajectory through the trailer park and points north and east. 34 homes were either damaged or destroyed. Shortly after the initial touch down, a modular home was directly hit and destroyed. One fatality was observed at this location as a woman seeking shelter with her husband in the bedroom, was thrown approximately one quarter of a mile from the house location.

As the tornado traversed through the Lucky Lady Trailer Park, many residents evacuated their mobile homes and took shelter in ditches and an open field. However, one fatality occurred at the trailer park when a woman was in the process of leaving her home to seek shelter in a field, was struck by a downed tree. F47PH, F64UT

Greene County 4 N Ash Grove	17	2317CST			0	0			Hail(0.88)
Greene County 4 S Ash Grove	17	2321CST			0	0			Hail(1.50)
Lawrence County 1 SE Halltown	17	2326CST			0	0			Thunderstorm Wind (G80)
Pulaski County St Robert	17	2331CST			0	0			Hail(0.88)
Vernon County Nevada	17	2332CST			0	0			Hail(0.88)



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<u>MISSOURI, Southwest</u>									
Maries County									
2 SW Hayden	17	2335CST			0	0			Hail(0.75)
Pulaski County									
Waynesville	17	2339CST			0	0			Hail(0.88)
Polk County									
1 S Pleasant Hope	17	2340CST			0	0			Hail(0.88)
Polk County									
Pleasant Hope	17	2352CST			0	0			Hail(1.25)
Polk County									
Pleasant Hope	17	2352CST			0	0			Hail(2.50)
Polk County									
Pleasant Hope	17	2352CST			0	0			Thunderstorm Wind (G70)
Vernon County									
3 N Nevada	17	2355CST			0	0			Hail(1.00)
Dallas County									
Redtop	17 18	2359CST 2359CST			0	0			Hail(0.88)
Dallas County									
5 S Buffalo	18	0013CST			0	0			Hail(1.75)
St. Clair County									
Appleton City	18	0050CST			0	0			Hail(0.88)
Benton County									
Warsaw	18	0105CST			0	0			Hail(0.88)
Jasper County									
Waco	18	0130CST			0	0			Hail(1.75)
Jasper County									
Jasper	18	0139CST			0	0			Hail(1.25)
Morgan County									
Versailles	18	0145CST			0	0			Hail(0.75)
Jasper County									
1 W Jasper to 1 N Jasper	18	0148CST	1.5	100	0	0	50K	0	Tornado (F1)
Tornado touched down destroying a large barn and several out buildings.									
Jasper County									
Asbury	18	0153CST			0	0			Hail(2.00)
Barton County									
9 S Lamar Muni Arpt to 2 SE Kenoma	18	0153CST 0205CST	9.5	100	1	7	138K	0	Tornado (F1)
The tornado initially touched down and destroyed a mobile home and uprooted trees one mile northwest of Jasper. The tornado then tracked northeast to three miles southeast of Boston where three homes were destroyed at the intersection of highway JJ and 126. A silo and barn were also destroyed with heavy irrigation equipment overturned. The tornado then tracked to two miles southeast of Kenoma where a mobile home and barn were destroyed. A fatality occurred at this location as the tornado destroyed a mobile home with one individual inside. Several additional homes were damaged and out buildings were destroyed further to the northeast. F32MH									
Cedar County									
5 N Stockton	18	0235CST			0	0			Hail(0.88)



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MISSOURI, Southwest

Cedar County

2.5 E Arnica to 3 ENE Arnica	18	0238CST	1	100	0	0	2K	0	Tornado (F1)
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Tornado touched down in extreme northeast Cedar County and damaged a barn and an out building

Polk County

4 SW Humansville to 2 NE Humansville	18	0245CST 0257CST	6	100	0	1	500K	0	Tornado (F1)
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Tornado traversed northeast over the Cedar-Polk county line, eventually damaging 18 homes. The tornado then uprooted many trees within Polk County prior to advancing into southern Hickory County.

Christian County

5 N Ozark	18	0257CST			0	0			Hail(1.00)
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Hickory County

5 S Weaubleau to 6 SSE Weaubleau	18	0257CST	5	100	0	1	43K	0	Tornado (F1)
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Tornado touched down and damaged two houses with several others receiving minor damage.

St. Clair County

Collins	18	0430CST			0	0			Thunderstorm Wind (G65)
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Benton County

Warsaw	18	0510CST			0	0			Hail(0.75)
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Stone County

Kimberling City	18	0632CST			0	0			Hail(1.75)
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Douglas County

Goodhope	18	0715CST			0	0			Hail(0.88)
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Webster County

Seymour	18	0904CST 1004CST			0	0			Hail(1.00)
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Webster County

1 N Duncan	18	0949CST	0.5	50	0	0	0	0	Tornado (F0)
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Tornado touched down near the Webster-Wright County line. Several trees were downed.

Wright County

8 SW Grovespring to 2 E Grovespring	18	0955CST 1005CST	10	100	0	0	75K	0	Tornado (F0)
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Tornado touched down damaging two mobile homes, several out buildings, along with numerous uprooted trees.

Ozark County

Pontiac	18	1430CST			0	0			Hail(0.88)
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Ozark County

Hardenville	18	1445CST			0	0			Hail(0.75)
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Ozark County

2 E Tecumseh	18	1500CST			0	0			Hail(1.50)
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MOZ058-066>071-
077>083-088>098-101>106 Maries - Vernon - St. Clair - Hickory - Camden - Pulaski - Phelps - Barton - Cedar - Polk - Dallas - Laclede - Texas - Dent - Jasper - Dade - Greene - Webster - Wright - Newton - Lawrence - Christian - Douglas - Howell - Shannon - McDonald - Barry - Stone - Taney - Ozark - Oregon

24	0400CST 1000CST	0	0	Winter Storm
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The second of a series of winter storms to affect the Missouri Ozarks during the cool season of 2002-2003, brought significant snow accumulations to the region. The heaviest accumulation amounts were observed in a 60 mile wide band. This area is along and 30 miles north and south of a line extending from Cassville to Salem Missouri, where accumulations ranged from 12 to 16 inches. Areas to the north and south of this band, received total accumulations of five to eight inches. Numerous vehicle accidents occurred, however, no property damages were directly correlated with the heavy snow.



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MISSOURI, Southwest

Stone County									
Reeds Spg	30	1410CST			0	0			Hail(0.75)
Laclede County									
Lebanon	30	1450CST			0	0			Hail(1.00)
Greene County									
2 W Springfield	30	1510CST			0	0			Hail(0.88)
Greene County									
Springfield	30	1540CST			0	0	0	0	Hail(0.88)